Index of Claims

10/629,987
Examiner
Allen J. Flanigan

Applicant(s)

WAGNER, GUY R.

Art Unit

3753

| √ | Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | Α | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | + | Restricted                     | 1 | Interference | 0 | Objected |

| Cla  | Claim Date |              |          |                         | Claim Date         |                    |         |           |                 |     | 1111  | CI       | aim           | Date    |          |                     |          |         |               |               |       |            |          |          |          |          |               |           |          |                    |          |
|--|------------|--------------|----------|-------------------------|--------------------|--------------------|---------|-----------|-----------------|-----|-------|----------|---------------|---------|----------|---------------------|----------|---------|---------------|---------------|-------|------------|----------|----------|----------|----------|---------------|-----------|----------|--------------------|----------|
|  | -          |              |          |                         |                    |                    | Т       | Т         |                 |     |       | <u>=</u> |               |         |          |                     |          |         |               |               |       | _          |          |          |          | П        | $\Box$        | T         | Т        | П                  | ╗        |
| Final  | Original   | 2/9/9        | H        |                         |                    |                    |         |           |                 |     | Final | Original |               |         |          |                     |          |         | -             |               | Final | Original   |          |          | - 1      | - 1      |               |           |          |                    |          |
| 证  | ١٣         | 2/6          |          |                         |                    |                    |         |           |                 |     | Ē     | )riç     |               |         |          |                     |          |         |               |               | ίĒ    | )riç       |          |          | - 1      | - 1      |               |           |          |                    |          |
|  |            |              |          |                         | Д.                 | $\perp$            | $\perp$ |           | Ш               |     |       |          |               |         |          | Ш                   |          |         |               |               |       |            |          |          |          | $\perp$  | $\sqcup$      |           | $\bot$   | $\bot$             |          |
|  | 1          | +            |          | _                       |                    | 4                  | 4       |           | Щ               |     |       | 51       |               |         |          | Ш                   | $\perp$  |         | ل ا           |               |       | 101        |          |          | _ [      |          | ightharpoonup |           | $\perp$  | $\perp$            | _        |
|  | 2          | 1            | _        |                         | 4                  | $\perp$            | _       | ┦         | Ш               |     |       | 52       | .             |         | $\perp$  |                     |          |         | $\perp$       |               |       | 102        | _        | _        | $\perp$  | _        | _             |           | $\dashv$ | _                  |          |
| <u> </u>   | 3          | Ц.           |          | -                       | _                  | $\perp$            | _       | ┿         |                 |     |       | 53       |               |         | ↓_       | $\sqcup$            | _        |         | $\perp$       |               |       | 103        | _        | _        | _        | 4        | 4             |           | $\dashv$ | $\dashv$           | _        |
| -  | 4          | Н            |          |                         |                    | +                  | +       | +-        | Н               |     |       | 54       |               | +       | -        |                     |          |         | 1             |               |       | 104        | -        | 4        |          | -        | $\dashv$      | _         | $\dashv$ | $\dashv$           | 4        |
|  | 5          | Н            | $\vdash$ |                         | +                  | +                  | ╬       | +-        |                 |     |       | 55       | -             | +       | ╁        |                     | -        | -       | -             |               |       | 105        |          | $\dashv$ | -        | -        |               | $\dashv$  | +        | $\dashv$           | 4        |
|  | 7          | +            | $\vdash$ | -                       | +                  |                    |         | +         | H               |     |       | 56<br>57 |               | +-      | ╄        | $\vdash$            |          | +       |               |               |       | 106<br>107 | -        | +        | +        | -        | -+            |           | $\dashv$ | -                  | 4        |
| -  | 8          | +            | -        | -                       | +                  | +                  | +-      | +         | Н               |     |       | 58       |               |         | +        | $\vdash$            | +        | +-      | +             |               |       | 107        | -        | +        | $\dashv$ | +        | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$           | ᅱ        |
| <u> </u>   | 9          | $\dashv$     | $\vdash$ | _                       | +                  | +                  | +       | +         | Н               |     |       | 59       | -             | +-      | ╁        | H                   | +        | +       | +             |               |       | 109        | -+       | +        | +        | +        | +             | $\dashv$  | +        | +                  | $\dashv$ |
| <u> </u>   | 10         | +            |          | -                       | +                  | +                  | +       | +         |                 |     |       | 60       | $\dashv$      | +-      | ╁─╴      | $\vdash$            | +        | +       | +             |               | -     | 110        |          | $\dashv$ | +        | $\dashv$ | +             | $\dashv$  | +        | +                  | $\dashv$ |
|  | 11         | $\dashv$     |          | $\dashv$                | +                  | +                  | ╅╴      | -         | Н               |     |       | 61       | $\dashv$      | +       | ╁        | $\vdash$            | $\dashv$ | +       | +             |               |       | 111        |          | $\dashv$ | $\dashv$ | +        | $\dashv$      | $\dashv$  | +        | +                  | ᅱ        |
|  | 12         | 一十           |          | _                       | 1                  | $\top$             | $\top$  | +         | $\vdash$        |     |       | 62       | $\dashv$      | +       | †        | $\vdash$            | +        | +       | $\forall$     |               |       | 112        | -+       | +        | +        | 1        | +             | $\dashv$  | +        | +                  | $\dashv$ |
|  | 13         | $\sqcap$     |          |                         | T                  | 1                  | Ť       | T         | М               |     |       | 63       | $\dashv$      | $\top$  | $\top$   | -                   | $\dashv$ | $\top$  | П             |               |       | 113        | _        | 7        | $\dashv$ | $\dashv$ | 十             | _         | $\dashv$ | +                  | $\dashv$ |
|  | 14         |              |          |                         |                    | T                  | $\top$  | $\top$    | П               |     |       | 64       | $\neg$        | 十       | 1        | $\Box$              | _        |         | П             |               |       | 114        |          | _        | _        | 7        | 寸             | $\dashv$  | 十        | $\top$             | ヿ        |
|  | 15         |              |          |                         |                    |                    |         |           |                 |     |       | 65       |               |         |          |                     |          |         | $\Box$        |               |       | 115        | $\Box$   | $\dashv$ | _        | _        | $\top$        | $\exists$ | $\top$   | $\top$             | ヿ        |
|  | 16         | $\mathbf{I}$ |          |                         | Ι                  |                    |         |           |                 |     |       | 66       |               |         |          |                     |          |         |               |               |       | 116        |          |          |          |          | $\Box$        | _†        | _        | $\Box$             |          |
|  | 17         |              |          | $\perp$                 | $\perp$            |                    |         |           |                 |     |       | 67       | $\Box$        | Ι       |          |                     |          |         | $\Box$        |               |       | 117        |          |          |          |          | $\Box$        |           |          | $\supset$          |          |
|  | 18         | Ш            |          |                         | ┸                  |                    |         | $\perp$   |                 |     |       | 68       |               |         |          |                     |          |         |               |               |       | 118        |          |          |          |          | $\Box$        |           | $\Box$   | $\perp$            |          |
|  | 19         | Ш            |          |                         | _                  | $\perp$            | 4       | <u> </u>  |                 |     |       | 69       |               | ļ.,     | L        |                     |          |         | Ш             |               |       | 119        | $\perp$  | $\perp$  | $\perp$  |          | $\perp$       |           | $\perp$  | 1                  |          |
| <u> </u>   | 20         | $\perp$      |          |                         | 4                  | $\perp$            | _       |           | Ш               |     |       | 70       |               |         | _        |                     | _ _      |         | $\perp$       |               |       | 120        |          |          | $\perp$  | _        | $\perp$       | _         | $\perp$  | $\perp$            | _        |
|  | 21         | Ш            |          |                         | 4                  | $\perp$            | $\perp$ | -         | Ш               |     |       | 71       |               | $\bot$  |          | Ш                   | _ _      | _ _     | Ш             |               |       | 121        |          | _        | _        | _        | _             | _         | $\dashv$ | $\perp$            | _[       |
| <u> </u>   | 22         | Ш            |          |                         | - -                | 4                  | _       | 1         | Ш               |     |       | 72       | $\perp$       | _       |          |                     | _        | - -     | 4             |               |       | 122        | _        | $\dashv$ | $\dashv$ | _        | _             | -         |          | $\downarrow$       | _        |
| <u> </u>   | 23         | Н            | $\vdash$ | +                       | - -                | +                  | - -     | +         | Н               |     |       | 73       | -             | -       |          | Н                   | -        |         | +             |               |       | 123        | _        | $\dashv$ | +        | -        | -             | -         | -+       | _                  | 4        |
| $\vdash$   | 24<br>25   | Н            | $\vdash$ | +                       | +                  |                    | +-      | -         | Н               |     |       | 74<br>75 |               | +       | $\vdash$ | Н                   | +        | -       | ╁╌┤           |               |       | 124        | -        | +        | _        | +        | +             | -         | +        | +                  | _        |
|  | 26         | $\vdash$     | $\dashv$ | +                       | +                  | +                  | ┿       |           | $\vdash$        |     |       | 76       |               | +-      | ╂╌       | Н                   | +        | +       | ╁             |               |       | 125<br>126 | +        | +        | -        | +        | +             | $\dashv$  | +        | +                  | -        |
|  | 27         | Н            |          | +                       | +                  | +                  | +-      | +         | -               |     | -+    | 77       | $\dashv$      | +       | +-       | $\vdash$            | _        | +       | +             |               |       | 127        | $\dashv$ | +        | +        | +        | +             | $\dashv$  | +        | +                  | $\dashv$ |
|  | 28         | Н            |          | $\dashv$                | +                  | +                  | +-      | +-        | $\vdash$        |     |       | 78       | $\dashv$      | +-      | +-       | ┞╼╂                 | -        | +       | +             | ŀ             |       | 128        | $\dashv$ | -        | +        | +        | +             | $\dashv$  | +        | +                  |          |
|  | 29         | Н            | $\dashv$ | $\dashv$                | $\dashv$           | +                  | +       |           | $\vdash$        |     |       | 79       | _             | +       | <b>†</b> |                     |          | +       | +             |               |       | 129        | $\dashv$ | ┰┼       |          | +        | +             | +         | $\dashv$ | +                  | $\dashv$ |
|  | 30         | H            |          | _                       | -                  | $\top$             |         | 1         |                 |     |       | 80       | $\dashv$      | +       |          | $\Box$              | +        | $\top$  |               |               |       | 130        | $\neg +$ | +        | -        |          | $\dashv$      |           | -+       | +                  | $\dashv$ |
|  | 31         | 7            | ┈┤       | $\neg$                  | T                  |                    | 1       | $\top$    |                 |     |       | 81       |               | 1       |          | П                   | 一        | 1       | $\vdash$      |               |       | 131        | $\neg$   | 十        | $\top$   | _        | 十             |           | 十        | $\top$             | ╡        |
|  | 32         | Y            |          |                         |                    |                    | Ι       |           |                 |     |       | 82       |               | $\top$  |          |                     | T        | 1       | $\sqcap$      |               |       | 132        | $\dashv$ | 十        | 十        | $\neg$   | $\top$        |           | 十        | $\top$             | $\neg$   |
|  | 3          | 4            | $\Box$   | $oldsymbol{\mathbb{I}}$ | $oxed{\mathbb{I}}$ |                    |         |           |                 |     |       | 83       |               | Ι       |          |                     |          |         |               |               |       | 133        |          |          |          |          |               |           | 丁        |                    | $\Box$   |
|  | 34         | ÷            | $\Box$   | $\perp$                 |                    | Ţ                  |         |           |                 |     |       | 84       |               |         |          |                     |          |         |               |               |       | 134        | $\Box$   |          | 1        |          |               |           | $\Box$   | ightharpoons       |          |
| <u> </u>   | 35         |              |          | 4                       |                    |                    | $\perp$ | $\perp$   | Ш               |     |       | 85       |               | $\perp$ | $\perp$  | Ш                   |          |         | Ш             |               |       | 135        | $\Box$   |          | $\perp$  |          | $\bot$        |           | $\perp$  | $oldsymbol{\perp}$ | _]       |
| <u> </u>   | 36         | _            |          | 4                       | 4                  | 4-                 | 4       |           | Щ               |     |       | 86       | $\perp$       | $\perp$ | 1        | Ш                   | _        | $\perp$ | Ш             |               |       | 136        | _[       |          | $\perp$  |          | $\perp$       | _[        | $\perp$  | $\perp$            | $\bot$   |
|  | 37         | _            |          | -                       | - -                | +                  | +       | $\bot$    | Ш               |     |       | 87       | $\dashv$      | $\perp$ | _        | $\sqcup$            | $\perp$  | 4       | Ш             |               | _     | 137        | _        | $\dashv$ | $\perp$  | $\perp$  | 4             | $\dashv$  | $\perp$  | $\bot$             | _        |
|  | 38         | _            | _        | +                       | +                  | +                  | +       | $\perp$   | $\sqcup$        |     |       | 88       | $\dashv$      | +-      | -        | $\vdash \vdash$     | 4        |         | $\perp \perp$ |               |       | 138        | _        | -        | _ _      | - -      | $\dashv$      | _         | 4        | -                  | $\dashv$ |
| <b> </b>   | 39<br>40   | -            | -        | +                       |                    | +                  | +       | +         | Н               |     |       | 89       | -             | +       | 1        | $\vdash \downarrow$ | -        | +-      | $\vdash$      |               |       | 139        | _        | $\dashv$ | +        | -        | 4             | -+        | +        | +                  | 4        |
| <del>                                     </del> | 41         | -            | $\dashv$ | +                       | +                  | +                  | +-      | +-        | Н               |     |       | 90       |               | +       | $\vdash$ | $\vdash$            | +        | +       | ╀┤            |               |       | 140        | $\dashv$ | +        | +        |          | +             | -+        | +        | +                  | $\dashv$ |
| <del> </del>                                     | 41         |              |          | +                       | +-                 | +-                 | +-      | +         | $\vdash \vdash$ |     |       | 91<br>92 |               | +       | $\vdash$ | $\vdash$            | +        | +       | $\dashv$      |               |       | 141        | $\dashv$ | -+       | +        | +        | +             |           | +        | +                  | $\dashv$ |
| <b> </b>   | 43         |              | -+       | +                       | +                  | +                  | +       | +         | $\vdash$        |     |       | 93       | $\dashv$      | +-      | +        | $\vdash \vdash$     | +        | +       | H             | ::::          |       | 142<br>143 | +        | +        | +        | +        | +             | +         | +        | +                  | $\dashv$ |
| <u> </u>   | 44         | $\dashv$     | +        | $\dashv$                | +                  | +                  | +       | +-        | $\dashv$        |     |       | 94       | +             | +       | $\vdash$ | $\vdash$            | +        | +-      | H             |               |       | 144        | +        | $\dashv$ | +        | $\dashv$ | +             | $\dashv$  | +        | +                  | $\dashv$ |
|  | 45         | $\neg$       | $\dashv$ | +                       | 十                  | +                  | +       | +         | H               |     |       | 95       | _             | +       | Н        | $\vdash \vdash$     | +        | +       | +             | :::: <b>}</b> | -     | 145        | +        | +        | +        | +        |               | $\dashv$  | +        | +                  | $\dashv$ |
|  | 46         | $\dashv$     | $\dashv$ | $\top$                  | +                  | +-                 | 十       | $\dagger$ | $\dashv$        | ::: | +     | 96       | -             | +       | H        | $\vdash$            | +        | +-      | H             | H             |       | 146        | +        | +        | +        | +        | +             | $\dashv$  | +        | +                  | $\dashv$ |
|  | 47         | _            | 7        | _                       | $\top$             | 1                  | †       | $\top$    | $\Box$          |     |       | 97       | $\dashv$      | +       | H        | $\vdash$            | +        | +       | $\dashv$      | H             |       | 147        | $\dashv$ | +        | +        | +        | +             | $\dashv$  | +        | +                  | $\dashv$ |
|  | 48         | _            | T        | _                       | $\dashv$           | Ť                  | $\top$  | $\top$    | $\vdash$        |     |       | 98       | $\dashv$      | 1-      | П        | $\vdash$            | $\top$   | $\top$  | $\forall$     |               |       | 148        | 十        | $\dashv$ | 十        | $\top$   | +             | 1         | 十        | 十                  | $\dashv$ |
|  | 49         | 1            | 丁        | ┰                       |                    | T                  |         | $\top$    |                 |     |       | 99       | $\neg \vdash$ | T       | П        | $\Box$              | $\top$   | 1       | П             |               |       | 149        | $\dashv$ | 十        | ┰        | $\top$   | 十             | 十         | $\top$   | 十                  | $\dashv$ |
|  | 50         |              |          |                         | $\perp$            | $oldsymbol{\perp}$ |         |           |                 | ::: |       | 100      |               |         |          |                     | $\top$   | $\perp$ | П             |               |       | 150        |          |          |          | $\top$   | 丁             | ⇉         | 丁        | 丁                  |          |